

PAKISTAN AIRPORTS AUTHORITY

Name of Work:

**PROVISION OF BOUNDARY FENCE AROUND PAA LAND TOWARDS LANDSIDE AND REHABILITATION
OF EXISTING FENCE IN DIFFERENT AREAS AT AIIAP, LAHORE.**

B.O.Q

SR No	Description	Amount (Rs.)
Sub head - I	Boundary Wall	
Sub head - II	Boundary Fence	
	Total	

Signature of Contractor with Stamp



(ENGR. ABRAR AHMAD)
Divisional Engineer (Civil)
ES, PAA, AIIAP, Lahore

PAKISTAN AIRPORTS AUTHORITY

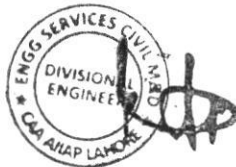
**PROVISION OF BOUNDARY FENCE AROUND PAA LAND TOWARDS LANDSIDE AND REHABILITATION
OF EXISTING FENCE IN DIFFERENT AREAS AT AIIAP, LAHORE.**

Name of Work:

B.O.Q

Sub Head-I : Boundary Wall

Sr #	ITEM of Work	QTY	RATE		UNIT	AMOUNT
			in Figures	in Words		
1	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	71,768 Cft			100 Cft	
2	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	10,807 Cft			100 Cft	
3	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension.	52,050 Kgs			P. Kg	
4	Providing and laying reinforced cement concrete using lawrencepur sand and crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm ²) at 28 days with a mix not leaner than 1:2:4 in column footing of required shape including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in foundation basement and plinth.	12,275 Cft			100 Cft	

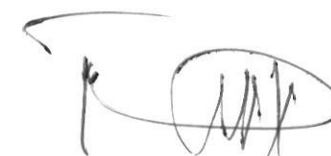


Sr #	ITEM of Work	QTY	RATE		UNIT	AMOUNT*
			in Figures	in Words		
5	Providing and laying reinforced cement concrete using crushed graded boulder 3/4 inch (19 mm) and down gauge and lawrencepur sand having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, in foundation basement and plinth.	690 Cft			100 Cft	
6	Providing and laying reinforced cement concrete using lawrencepur sand and crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs.. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in plinth beams of required shape and design including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement, tn foundation, basement and plinth.	3,225 Cft			100 Cft	
7	Providing and laying reinforced cement concrete using Lawrencepur sand and crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in columns of square or rectangular shape of regular section including form work and its removal, compacting and curing etc. but excluding the cost of reinforcement in Ground Floor.	1,726 Cft			100 Cft	
8	Providing and laying reinforced cement concrete using Lawrencepur sand and crushed graded boulders 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 3000 lbs. per sq inch (20.69 N/mm2) at 28 days with a mix not leaner than 1:2:4 in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor.	2,419 Cft			100 Cft	
9	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	18,645 Cft			100 Cft	
10	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete .	72,004 Sft			100 Sft	



Sr #	ITEM of Work	QTY	RATE		UNIT	AMOUNT
			in Figures	in Words		
11	Providing and fixing M.S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates, bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers and stairs etc. of any design in ground floor.	2,342 Kgs			P. Kg	
12	Providing and fixing galvanized iron barbed wire fencing (with four points) to the posts of any description complete with hooks and binding wire etc- if required (cost of posts not included).	2,035 kgs			P. Kg	
13	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	72,004 Sft			100 Sft	
14	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming complete at any height in any floor.	1,360 Sft			100 Sft	
					Total	

Signature of Contractor with Stamp



(ENGR. ABRAR AHMAD)
Divisional Engineer (Civil)
ES, PAA, AllAP, Lahore

PAKISTAN AIRPORTS AUTHORITY

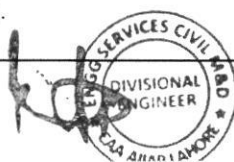
Name of Work:

**PROVISION OF BOUNDARY FENCE AROUND PAA LAND TOWARDS LANDSIDE AND REHABILITATION
OF EXISTING FENCE IN DIFFERENT AREAS AT AIIAP, LAHORE.**

B.O.Q

Sub Head-II : Boundary Fence

Sr #	ITEM of Work	QTY	RATE		UNIT	AMOUNT
			in Figures	in Words		
1	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	9,002 Cft			100 Cft	
2	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	1,594 Cft			100 Cft	
3	Providing and laying in situ 1:2:4 (1 cement 2 lawrencepur sand and 4 coarse aggregate) cement concrete using crushed graded boulders 3/4 inch (19 mm) and down gauge in foundation, basement and plinth including form work, compacting, curing and removal of form work etc. complete, foundation and basement up to 5 feet (1.52 m) depth and plinth up to 4 feet (1.2 m) height from ground level.	3,982 Cft			100 Cft	
4	Providing and laying hard grade ribbed deformed (minimum yield point 40,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	223 Kgs			P. Kg	
5	Providing and Fixing G.I Pipe 2½" (65mm) dia (IIL-M) in vertical post for chain link Fence and bracing pipes at required spacing, embedded in concrete including the cost of cutting, welding and holdfast etc complete in all respects as per approved drawing / design and instruction of the Engineer incharge. (Cost of excavation and concrete not included).	5,669 Rft			P. Rft	



Sr #	ITEM of Work	QTY	RATE		UNIT	AMOUNT
			in Figures	in Words		
6	Providing and Fixing G.I Pipe 1" (25mm) dia (IIL-M) in horizontal at top of chain link fence for holding / fasten the fence including the cost of scaffolding, cutting, welding all sides of pipe at junctions, jointing complete in all respect as per approved drawing / design and insructions of the Engineer incharge.	5,807 Rft			P. Rft	
7	Providing and fixing M.S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates, bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers and stairs etc. of any design in ground floor.	2,096 Kgs			P. Kg	
8	Providing and Fixing chain link 8 SWG 2" x 2" diamond mesh fixed on existing G.I vertical posts including the cost of 03 Nos. tension wire (6 SWG) fixed horizontal with nuts / bolts to holding the chain link fence etc. complete as per drawing/design and specification as directed.	40,649 Sft			P. Sft	
9	Providing and fixing galvanized iron barbed wire fencing (with four points) to the posts of any description complete with hooks and binding wire etc- if required (cost of posts not included). (Payment shall be made on the basis of physical weight authenticated by the approved lab).	1,380 kgs			P. Kg	
10	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming complete at any height in any floor.	933 Sft			100 Sft	
	Total					

Signature of Contractor with Stamp



(ENGR. ABRAR AHMAD)
Divisional Engineer (Civil)
ES, PAA, AllAP, Lahore